

**ADAPTIVE EXTENSION OF SPECULATIVE DATA ACQUISITION
FOR A DATA STORAGE DEVICE**

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Abstract of the Disclosure

A method for determining a speculative data acquisition in conjunction with an execution of a first access command relative to an execution of a second access command through execution of the read look ahead routine is disclosed.

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The method includes reading the first and second access commands from a memory; deciding a data proximate the first command has a heightened opportunity of servicing a future request for data; and deducing a time period for acquiring the data based on an execution priority of the second access command.

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